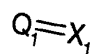


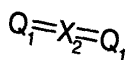
WHAT IS CLAIMED IS:

Amended Claims with underlining and strike-out

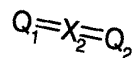
1. (amended) A compound of the formula (Ia), (Ib) or (Ic)



(Ia)



(Ib)

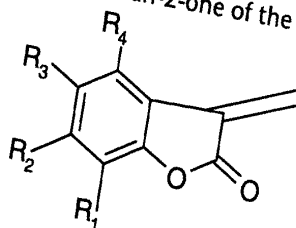


(Ic)

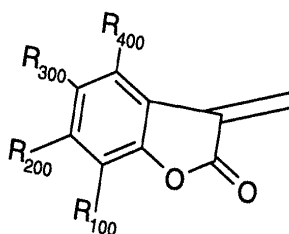
in which

Q_1 is a benzofuran-2-one of the formula (IIa), and

Q_2 is a benzofuran-2-one of the formula (IIb)



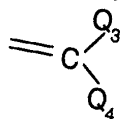
(IIa)



(IIb)

in which

$R_1, R_2, R_3, R_4, R_{100}, R_{200}, R_{300}$ or R_{400} independently of one another are hydrogen, halogen, hydroxyl, cyano, ether, nitro, an amine, amide, imine, urethane, sulfonamide, ester, carboxylic acid or sulfonic acid radical or carboxylic salt, sulfonic salt or substituted or unsubstituted C_1-C_{24} alkoxy, C_1-C_{24} alkylthio, C_5-C_{12} cycloalkyl, C_5-C_{12} cycloalkoxy, C_5-C_{12} cycloalkylthio, C_2-C_{24} alkenyl, C_6-C_{24} aryl, C_7-C_{25} aralkyl, C_6-C_{24} aryloxy, C_6-C_{24} arylthio, A_5-A_{18} heteroaryl, A_5-A_{18} heteroaryloxy or A_5-A_{18} heteroarylthio, or R_1 and R_2, R_3 and R_4 or R_{100} and R_{200} or R_{200} and R_{300} and R_{400} , independently of one another in each case together are divalent, substituted or unsubstituted radicals, such as polycyclic radicals or 1,3-butadien-1,4-ylene or $-CH=CH-NH-$, the two last radicals forming an additional fused-on 5- or 6-membered ring, and X_1 is a hydrazone or imine radical, with the proviso that, if R_1, R_2, R_3 and R_4 are hydrogen, or at least one R_1, R_2, R_3 or R_4 is methyl, the hydrazone radical is excluded, or, if R_1, R_2, R_3 or R_4 is hydrogen, X_1 is not phenylimine- or 4-dimethylamine-phenylimine, or X_1 is a methylene radical,



in which



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Q₃ is a substituted or unsubstituted primary or secondary amine radical and Q₄ is independently of one another are hydrogen or substituted or unsubstituted C₁-C₂₄alkyl, -CO-(C₁-C₂₄alkyl), -CO-O-(C₁-C₂₄alkyl), C₁-C₂₄alkoxy, C₁-C₂₄alkylthio, C₅-C₁₂cycloalkyl, C₅-C₁₂cycloalkoxy, C₅-C₁₂cycloalkylthio, C₂-C₂₄alkenyl, C₆-C₂₄aryl, -CO-O-(C₆-C₂₄aryl), -CO-(C₆-C₂₄aryl), C₆-C₂₄aryloxy, a primary or secondary amine radical, C₆-C₁₂arylthio, C₇-C₂₅aralkyl, A₅-A₁₈heteroaryl, A₅-A₁₈heteroaryloxy or A₅-A₁₈heteroarylthio, or

Q₃ and Q₄ together are a lactam, quinomethylene, hydantoin, acenaphthenequinone, azlactone, pyrazolonyl, barbituric acid, isoindolinone or isoindoline radical,

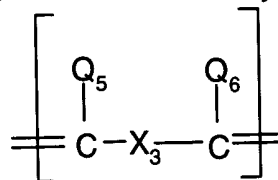
with the proviso that ~~Q₃ and Q₄ are not phenyl or~~

~~Q₃ is not hydrogen and Q₄ is not methyl, 4-aminophenyl, 4-dimethylaminophenyl or -OCO-4-(1-chlorophenylene) if R₁, R₂, R₃ and R₄ are hydrogen, or Q₃ is not hydrogen and Q₄ is not 4-aminophenyl if R₁ and R₃ are tert-C₅H₁₁alkyl, or Q₃ is not hydrogen and Q₄ is not 2-hydroxyphenyl if R₁ and R₃ are tert-butyl, or~~

~~Q₃ is not hydrogen and Q₄ is not a primary or secondary amine radical if R₃ is hydrogen, methoxy or hydroxyl and R₁, R₂ and R₄ are hydrogen, or Q₃ is not hydrogen and Q₃₄ is not a secondary amine radical if R₁, R₂, R₃ and R₄ are hydrogen,~~

and

X₂ is a tetravalent 5- or 6-membered heterocyclic ring, or is



in which

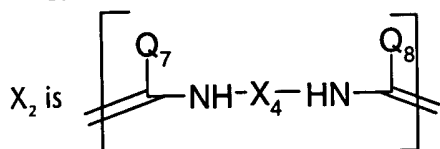
X₃ is a single bond, unsubstituted or substituted C₆-C₂₄arylene, A₅-A₁₈heteroarylene,

1,2-phenylene, 1,3-phenylene, 1,4-phenylene or naphthylene, or a tetravalent polyether, polyimine, polyamine radical, or bi(C₆-C₂₄)arylene, bi(A₅-A₁₈)heteroarylene, C₂-C₂₄alkenylene, in which bi(C₆-C₂₄)arylene, bi(A₅-A₁₈)heteroarylene or C₂-C₂₄alkenylene can be interrupted by one or more intermediate units such as -CH=CH-, -CH=N-, -N=N-, -CR₄₄R₄₂-, -CO-, -COO-, -OCO-, -NR₄₂CO-, -CONR₄₂-, -O-, -S-, -SO-, -SO₂- or -NR₄₂-,

in which

R₄₂ and R₄₄ independently of one another are hydrogen, substituted or unsubstituted C₁-C₂₄alkyl, C₅-C₁₂cycloalkyl, C₂-C₂₄alkenyl, C₆-C₂₄aryl, C₇-C₂₅aralkyl or A₅-A₁₈heteroaryl with the proviso that if R₁, R₂, R₃, R₄, R₁₀₀, R₂₀₀, R₃₀₀, R₄₀₀ are all tert-butyl or hydrogen and Q₅ and Q₆ are hydrogen, X₃ is not 1,4-phenylene, and

Q_5 and Q_6 independently of one another are hydrogen, C_6-C_{24} aryl, C_6-C_{24} aryloxy, C_1-C_{24} alkyl, C_1-C_{24} alkoxy, C_1-C_{24} alkylthio, C_5-C_{12} cycloalkyl, C_5-C_{12} cycloalkoxy, C_5-C_{12} cycloalkylthio, C_2-C_{24} alkenyl, C_6-C_{24} aryl, C_6-C_{24} aryloxy, C_6-C_{24} arylthio or A_5-A_{18} heteroaryl, A_5-A_{18} heteroaryloxy, A_5-A_{18} heteroarylthio, or

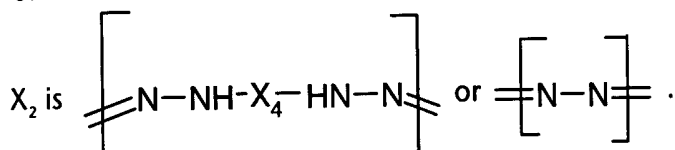


in which

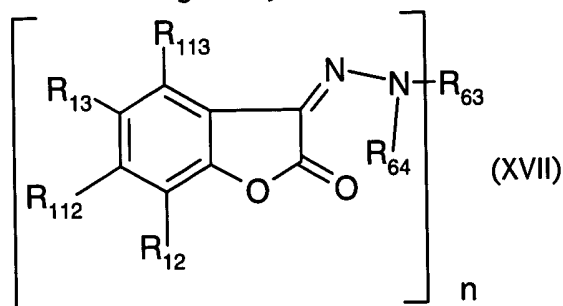
Q_7 and Q_8 independently of one another are Q_5 or Q_6 , and

X_4 is C_6-C_{24} arylene, A_5-A_{18} heteroarylene, a polymethylidene or divalent polyether, polyimine, polyamine radical, or $bi(C_6-C_{24})$ arylene, $bi(A_5-A_{18})$ heteroarylene, C_2-C_{24} alkenylene, in which $bi(C_6-C_{24})$ arylene, $bi(A_5-A_{18})$ heteroarylene or C_2-C_{24} alkenylene can be interrupted by one or more intermediate units such as $-CH=CH-$, $-CH=N-$, $-N=N-$, $-CR_{44}R_{42}-$, $-CO-$, $-COO-$, $-OCO-$, $-NR_{42}CO-$, $-CONR_{42}-$, $-O-$, $-S-$, $-SO-$, $-SO_2-$ or $-NR_{42}-$,

or



3. (amended) A compound according to any one of claims 1 and 2, of the formula (XVII)



in which,

if n is 1

R_{64} independently of R_{63} is a radical as defined under R_{63} or is hydrogen, and R_{63} is substituted or unsubstituted C_1-C_{12} alkyl, C_5-C_{12} cycloalkyl, C_2-C_6 alkenyl, C_6-C_{12} aryl, C_7-C_{13} aralkyl, or A_5-A_{12} heteroaryl, and

if n is 2

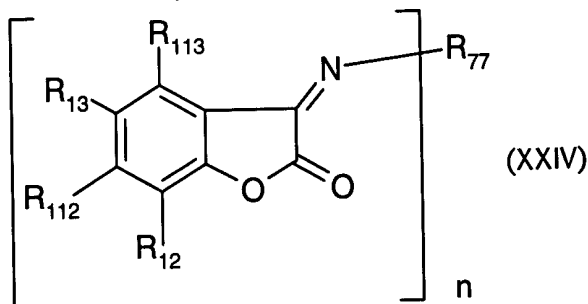
R_{63} is unsubstituted or substituted C_6-C_{18} arylene, A_5-A_{18} heteroarylene, C_5-C_6 cycloalkyl or a divalent polymethylidene, polyether, polyimine, polyamine radical, or $bi(C_6-C_{24})$ arylene,

bi(A₅-A₁₈)heteroarylene, C₂-C₂₄alkenylene, in which

bi(C₆-C₂₄)arylene, bi(A₅-A₁₈)heteroarylene or C₂-C₂₄alkenylene can be interrupted and/or connected to one another by a direct bond or by one or more intermediate units such as -CH=CH-, -CH=N-, -N=N-, -CR₄₄R₄₂-, -CO-, -COO-, -OCO-, -NR₄₂CO-, -CONR₄₂-, -O-, -S-, -SO-, -SO₂- or -NR₄₂-, with the proviso that if R₁₂, R₁₃, R₁₁₂ and R₁₁₃ are hydrogen or at least one of R₁₂, R₁₃, R₁₁₂ and R₁₁₃ is methyl, the hydrazone radical is excluded,

or

a compound of the formula (XXIV)



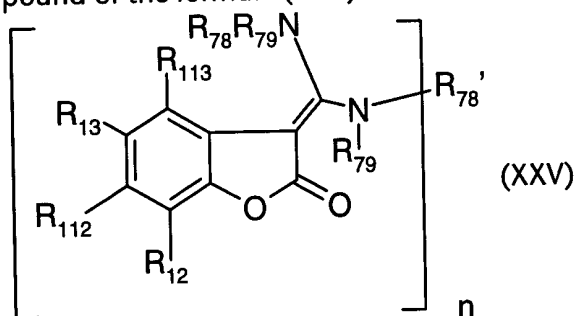
in which, if n is 1,

R₇₇ is substituted or unsubstituted C₁-C₁₂alkyl, C₅-C₆cycloalkyl, C₂-C₈alkenyl,

C₆-C₁₂aryl, C₇-C₁₃aralkyl or A₅-A₁₂heteroaryl, with the proviso that in formula (XXIV), if R₁₂, R₁₁₂, R₁₃ or R₁₁₃ are hydrogen, R₇₇ is not unsubstituted phenylimine or 4-dimethylaminephenylimine,

or

a compound of the formula (XXV)



in which

if n is 1

R₇₈, R₇₈' and R₇₉ independently of one another are hydrogen or substituted or unsubstituted

C₁-C₁₂alkyl, C₁-C₁₂alkoxy, C₁-C₁₂alkylthio, C₅-C₆cycloalkoxy,

C₅-C₆cycloalkylthio, C₆-C₂₄aryloxy, C₆-C₂₄arylthio or A₅-A₁₂heteroaryloxy, A₅-A₁₂heteroarylthio, C₅-

C₆cycloalkyl, C₂-C₁₂alkenyl, C₆-C₁₂aryl, C₇-C₁₃aralkyl, or A₅-A₁₂heteroaryl, or dependently of one another are hydrogen, and

if n is 2

R_{78} and R_{79} are as defined above when n is 1, and

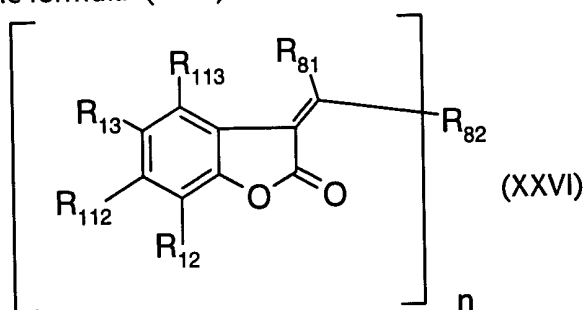
R_{78}' is a direct bond or substituted or unsubstituted C_6-C_{24} arylene, A_5-A_{18} heteroarylene, C_5-C_{12} cycloalkyl or $bi(C_6-C_{24})$ arylene, $bi(A_5-A_{18})$ heteroarylene, C_2-C_{24} alkenylene, in which $bi(C_6-C_{24})$ arylene, $bi(A_5-A_{18})$ heteroarylene, C_2-C_{24} alkenylene can be interrupted by a direct bond or by one or more intermediate units such as $-CH=CH-$, $-CH=N-$, $-N=N-$, $-CR_{44}R_{42}-$, $-CO-$, $-COO-$, $-OCO-$, $-NR_{42}CO-$, $-CONR_{42}-$, $-O-$, $-S-$, $-SO-$, $-SO_2-$ or $-NR_{42}-$,

in which

R_{42} and R_{44} independently of one another are hydrogen, substituted or unsubstituted C_1-C_{24} alkyl,

C_5-C_{12} cycloalkyl, C_2-C_{24} alkenyl, C_6-C_{24} aryl, C_7-C_{25} aralkyl, or A_5-A_{18} heteroaryl, or

a compound of the formula (XXVI)



in which

if n is 1

R_{81} and R_{82} are C_6-C_{12} aryl, if R_{112} , R_{113} , R_{12} or R_{113} are not hydrogen, or

R_{81} is a substituted or unsubstituted primary or secondary amine radical and R_{82} independently is of one another are hydrogen or unsubstituted or substituted C_1-C_{12} alkyl, $-CO-(C_1-C_{24})$ alkyl, $-CO-O-(C_1-C_{24})$ alkyl, C_6-C_{12} aryloxy, C_1-C_{12} alkoxy, C_1-C_{12} alkylthio, C_5-C_{12} cycloalkyl, C_5-C_{12} cycloalkoxy, C_2-C_{12} alkenyl, a primary or secondary amine radical, C_6-C_{18} aryl, $-CO-O-(C_6-C_{24})$ aryl, $-CO-(C_6-C_{24})$ aryl, C_6-C_{18} aryloxy, C_6-C_{18} arylthio or A_5-A_{12} heteroaryl, A_5-A_{12} heteroaryloxy, A_5-A_{12} heteroarylthio, or R_{81} and R_{82} together are a lactam, quinomethylene, hydantoin, acenaphthenequinone, azlactone, pyrazolonyl, barbituric acid, isoindolinone or isoindoline radical,

with the proviso that R_{81} and R_{82} are not phenyl or

R_{81} is not hydrogen and R_{82} is not methyl, 4-aminophenyl, 4-dimethylaminophenyl or $-OCO-4-(1-chlorophenylene)$ if R_{112} , R_{113} and R_{12} are hydrogen, or R_{81} is not hydrogen and R_{82} is not 4-aminophenyl if R_{112} and R_{113} are tert- C_5H_{11} alkyl, or R_{81} is not hydrogen and R_{82} is not 2-hydroxyphenyl if R_{112} and R_{113} are tert-butyl, or

R_{81} is not hydrogen and R_{82} is not a primary or secondary amine radical if R_{113} is hydrogen, methoxy or hydroxyl and R_{112} , R_{113} and R_{114} are hydrogen, or R_{81} is not hydrogen and R_{82} is not

a secondary amine radical if R_{121} , R_{1122} , R_{133} and R_{1134} are hydrogen, and

if n is 2

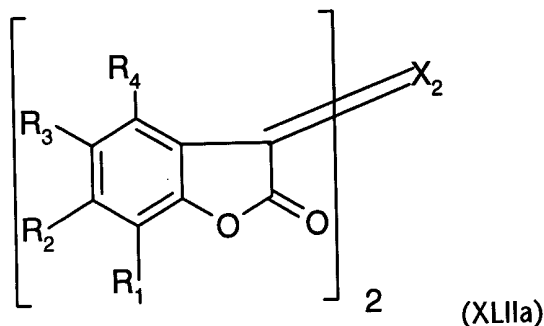
R_{82} is a single bond, an unsubstituted or substituted C_6-C_{18} arylene, especially 1,2-phenylene, 1,3-phenylene, 1,4-phenylene or naphthylene or (A_5-A_{18}) heteroarylene or $bi(C_6-C_{24})$ arylene, especially biphenylene, $bi(A_5-A_{18})$ heteroarylene, C_2-C_{24} alkenylene, in which $bi(C_6-C_{24})$ arylene, $bi(A_5-A_{18})$ heteroarylene or C_2-C_{24} alkenylene, can be interrupted by one or more intermediate units such as $-CH=CH-$, $-CH=N-$, $-N=N-$,

$-CR_{44}R_{42}-$, $-CO-$, $-COO-$, $-OCO-$, $-NR_{42}CO-$, $-CONR_{42}-$, $-O-$, $-S-$, $-SO-$, $-SO_2-$ or $-NR_{42}-$,

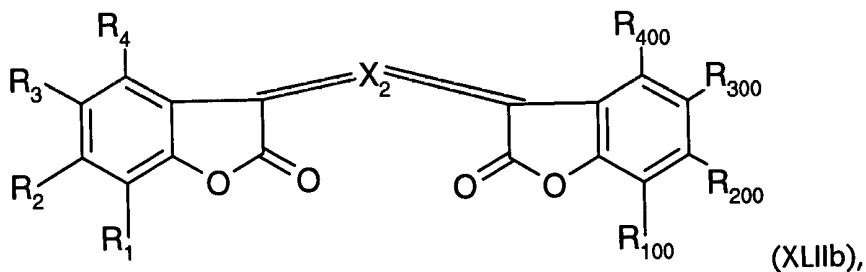
in which

R_{42} and R_{44} independently of one another are hydrogen, substituted or unsubstituted C_1-C_{24} alkyl, C_5-C_{12} cycloalkyl, C_2-C_{24} alkenyl, C_6-C_{24} aryl, C_7-C_{25} aralkyl, or A_5-A_{18} heteroaryl with the proviso that if R_{121} , R_{1122} , R_{133} , R_{1134} and R_{81} are hydrogen, R_{82} is not 1,4-phenylene.

12. (amended) A composition consisting of from 2 to 10, preferably 2 or 3, compounds of the formulae (Ia), (Ib) and/or (Ic) according to claim 1, and/or (XLla) and/or (XLlb) according to claim 9, and/or dimeric benzofuran-2-ones of the formulae (XLIIa) and/or (XLIIb)



or



in which

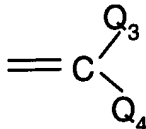
X_2 is (C_6-C_{24}) arylene, (A_5-A_{18}) heteroarylene or a divalent polymethylenide, polyether, polyimine, polyamine radical, or $bi(C_6-C_{24})$ arylene or $bi(A_5-A_{18})$ heteroarylene, the $bi(C_6-C_{24})$ arylene or $bi(A_5-A_{18})$ heteroarylene radical being attached directly or via a substituted or unsubstituted carbon,

nitrogen, oxygen or (-N=N-)-diradical, with the proviso that if $R_1, R_2, R_3, R_4, R_{100}, R_{200}, R_{300}$ and R_{400} are hydrogen, X_2 is not $\text{CH}-(\text{C}_6\text{H}_4)-\text{CH}$.

13. (amended) A composition of matter comprising a high molecular weight organic material and at least one compound of the formulae (Ia), (Ib), (Ic) according to claim 1

in which

X_1 is X_{10} , where X_{10} is a substituted or unsubstituted hydrazone or imine radical, or is a methylene radical



in which

Q_3 and Q_4 are Q_6 and Q_7 and independently of one another are hydrogen or substituted or unsubstituted $\text{C}_1\text{-C}_{24}$ alkyl, $-\text{CO}-(\text{C}_1\text{-C}_{24}\text{alkyl})$, $-\text{CO}-\text{O}-(\text{C}_1\text{-C}_{24}\text{alkyl})$, $\text{C}_1\text{-C}_{24}$ alkoxy, $\text{C}_1\text{-C}_{24}$ alkylthio, $\text{C}_5\text{-C}_{12}$ cycloalkyl, $\text{C}_5\text{-C}_{12}$ cycloalkoxy, $\text{C}_5\text{-C}_{12}$ cycloalkylthio, $\text{C}_2\text{-C}_{24}$ alkenyl, a primary or secondary amine radical, $\text{C}_6\text{-C}_{24}$ aryl, $-\text{CO}-\text{O}-(\text{C}_6\text{-C}_{24}\text{aryl})$, $-\text{CO}-(\text{C}_6\text{-C}_{24}\text{aryl})$, $\text{C}_6\text{-C}_{24}$ aryloxy, $\text{C}_6\text{-C}_{12}$ arylthio, $\text{C}_7\text{-C}_{25}$ aralkyl or $\text{A}_5\text{-A}_{18}$ heteroaryl, or

Q_3 and Q_4 together are a lactam, quinomethylene, hydantoin, acenaphthenequinone, azlactone, pyrazolonyl, barbituric acid, isoindolinone or isoindoline radical,

or

a composition according to claim 12, (XLIa) or (XLIb) according to claim 9, in a colouringly effective amount.